

Surname and name List number

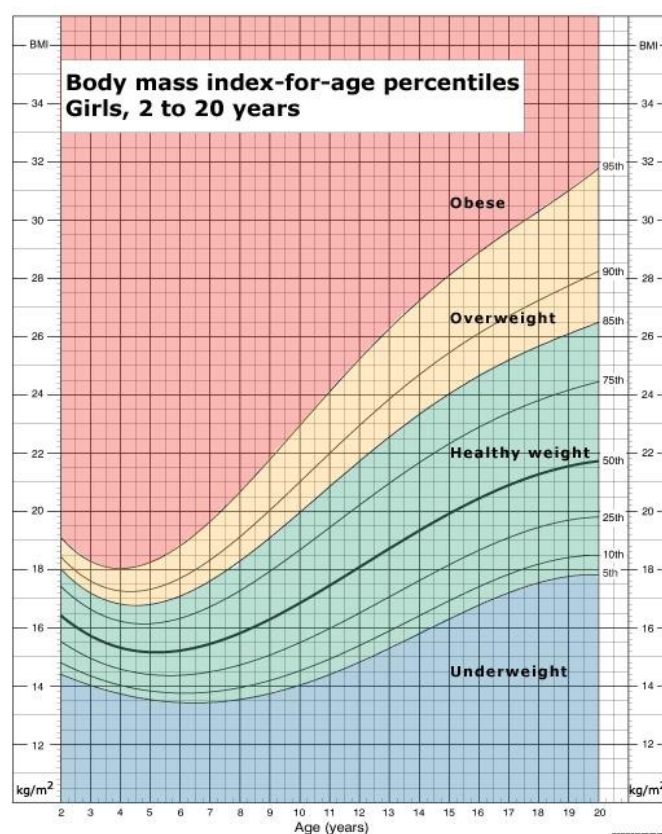
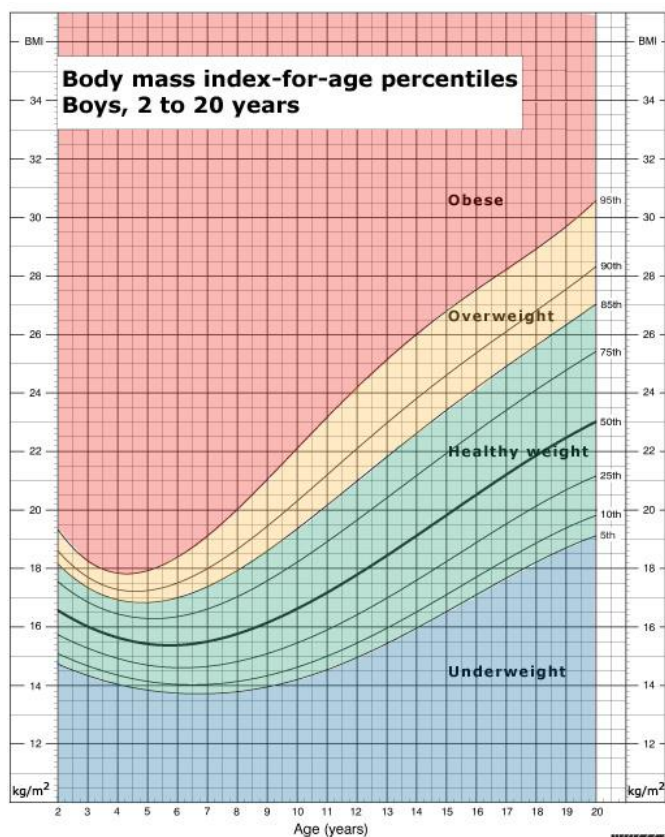
THE BODY MASS INDEX

The BMI is used to measure whether a person is underweight, normal weight, overweight or obese.

The formula to calculate the BMI is:

$$\text{Body Mass Index} = \text{BMI} = \frac{\text{weight (kg)}}{\text{height}^2 (\text{m}^2)}$$

Your situation is determined by one of the following charts:



Surname and name **List number**

1. *What percentage of the boy population is underweight?*

2. *What percentage of the girl population is healthy weight?*

3. *What percentage of the boy population is obese?*

4. *A 13 years old girl who is 1.60m tall and weighing 45 Kg, what is her BMI? Mark on the graph the position drawing a dot. How is her weight (under, healthy, over or obese)?*

5. *A 16-year-old boy who weighs 60 kg and is 1.70 m tall. What is his BMI? Mark on the chart the position drawing a dot. How is his weight (under, healthy, over or obese)?*

6. *Calculate your BMI index*